

Climate & Energy Updates

Environmental Policy Commission

December 16, 2019

Bill Eger

Energy Manager



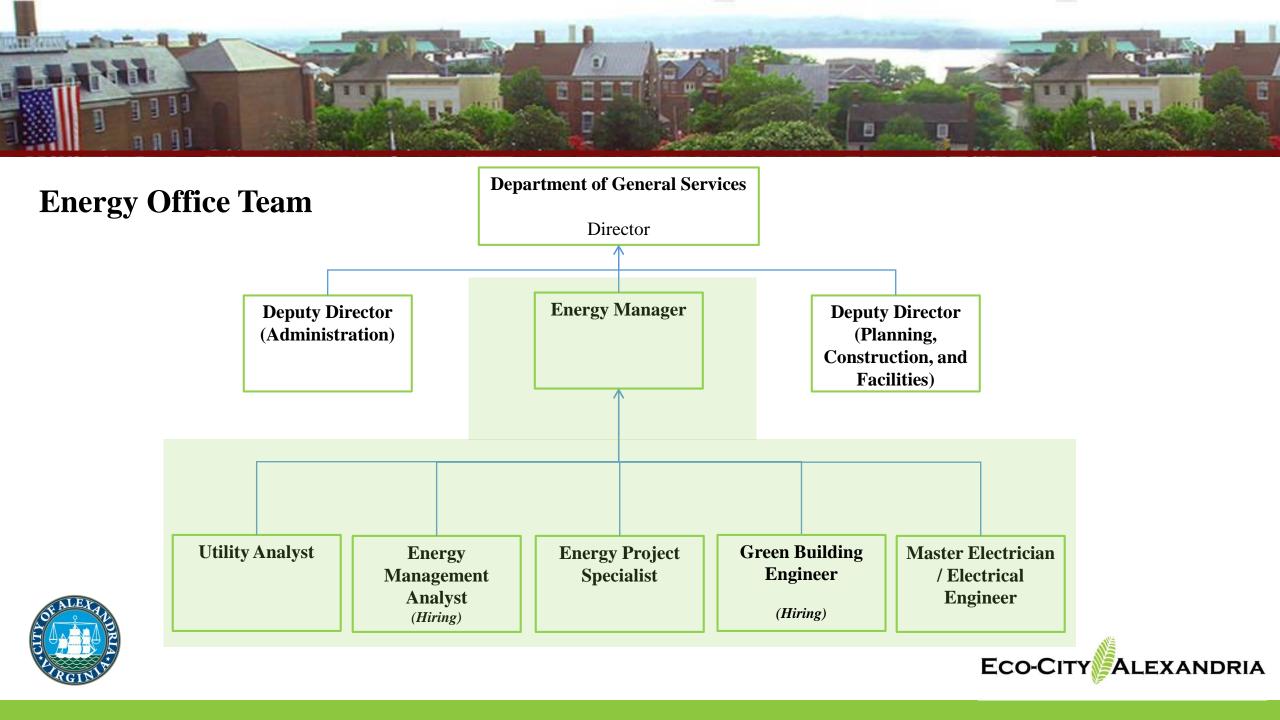


Agenda

- Introduction ~ 5 min
- Programs & Workplan ~ 5 min
- EAP Updates ~ 10 min
- Q & A ~ 10 min









Program Verticals

- Utility Acquisition & Management
- City Operations Energy Management
- Community Climate Action & Energy Programs
- Facility Engineering, Green Building, & Operations
- Resiliency & Energy Assurance
- Utility Regulatory & Policy Affairs







Workplan

	Administration	Utility Acquisition, Management, & Analytics	City Operations Energy Management	Community Energy & Climate Programs	Facility Eng & Operations	Resiliency & Energy Assurance	Utility Regulation & Policy Affairs
Energy Manager							
Utility Analyst							
Energy Management Analyst							
Energy Project Specialist							
Green Building Engineer							
Master Electrician / Electrical Engineer							







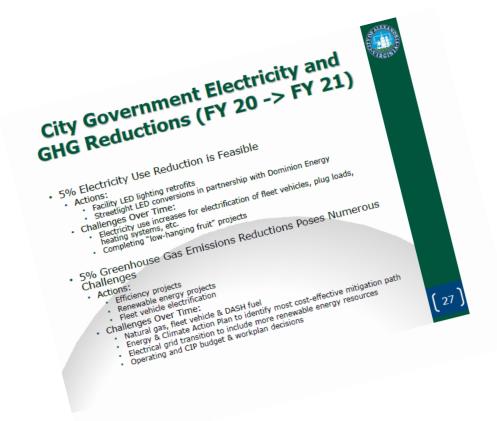
Environmental Action Plan 2040 Updates

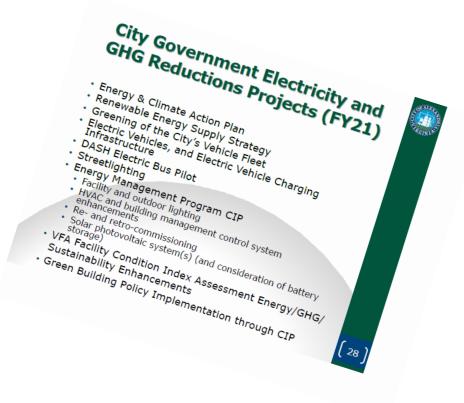






FY21 City Council Budget Retreat (Video @ 27:30)











Climate Change

• 1.1.1 (FY21) Energy & Climate Action Task Force / Energy & Climate Action Plan

• 1.1.2 [also 2.2.1] (FY22) Emissions in CIP/Operating Budget







Energy – Renewable Energy

- 2.1.1 (FY20) Offset Electricity Use with RECs
- 2.1.2 (FY21) Renewable Energy Supply Strategy
- 2.1.3 (FY23) Direct Power Purchase







Energy – Energy Efficiency

- 2.2.1 (FY23) Facility Index with Energy/GHG/Sustainability Performance
- 2.2.2 (FY21) Electric Vehicle Program
- 2.2.3 (FY21 & FY23) Facility lighting & Streetlighting
- 2.2.4 (FY27) Energy Reduction by 25%
- 2.2.6 (FY28) 10% Transit Fleet Electrification







Energy – Community Energy

- 2.3.1 (FY19) Regulatory Activities
- 2.3.2 (FY20) C-PACE
- 2.3.3 (FY20) Electric Vehicle Charging Infrastructure Strategy







Other Sections

- Green Building 3.1.1 3.1.6
- Transportation 7.1.5
- Implementation, Outreach, Education 10.1.2, 10.2.1







Bill Eger, PE, CPM, ISSP-SA, LEED-AP

Energy Manager

bill.eger@alexandriava.gov

(703) 746-4770



